

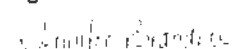
**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

Form Approved OMB No. 2070-0060

GENERIC DATA MATRIX

| | | | | | |
|--|----------------------------------|------------------------------------|-----------|-------------|------|
| Date: 6/14/19 | | EPA Reg. No./File Symbol: 91484- | | Page 1 of 1 | |
| Applicant's/Registrant's Name & Address: Carbonfree Chemicals SPE I LLC c/o Delta Analytical Corp. 12510 Prosperity Drive, Suite 160 Silver Spring, MD 20904 | | Product: Sodium Hypochlorite 12.5% | | | |
| Ingredients: Sodium Hypochlorite | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| ALL GENERIC DATA REQUIREMENTS: | | | | | |
| | All Generic data requiriements.* | Cite-all | | OLD | |

* Carbonfree Chemicals SPE I LLC is using the cite-all method of support. As agreed with PM 32, "offer to pay" letters are not necessary because all supporting data is from the 1992 EPA Sodium Hypochlorite Registration Eligibility Document.

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|--|---|------------------------|
| Signature:  | Name & Title: Jennifer Brandon, Agent for Carbonfree Chemicals SPE I LLC | Date: June 14, 2019 |
|--|---|------------------------|

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

Form Approved OMB No. 2070-0060

PRODUCT SPECIFIC DATA MATRIX

Date: 6/14/19

EPA Reg. No./File Symbol: 91484-

Page 1 of 4

Applicant's/Registrant's Name & Address:
Carbonfree Chemicals SPE I LLC
c/o Delta Analytical Corporation
12510 Prosperity Drive, Suite 160
Silver Spring, MD 20904

Product:
Sodium Hypochlorite 12.5%

Ingredient(s): Sodium hypochlorite

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
|----------------------------|----------------------|-------------|-----------|--------|------|

PRODUCT CHEMISTRY

| | | | | | |
|----------|--|----------------|--------------------------------|-----|-------------------------------------|
| 830.1550 | Product identity and composition | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1600 | Description of materials used to produce the product | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1620 | Description of production process | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1650 | Description of formulation process | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1670 | Discussion of formulation of impurities | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1700 | Preliminary analysis | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1750 | Certified limits | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1800 | Enforcement analytical method | To be assigned | Carbonfree Chemicals SPE I LLC | OWN | |
| 830.1900 | Submittal of Samples | N/A | N/A | N/A | Available upon request |
| 830.6302 | Color | N/A | N/A | N/A | Not required for EU products |
| 830.6303 | Physical state | See Note | Carbonfree Chemicals SPE I LLC | OWN | See Self-Certification Summary form |
| 830.6304 | Odor | N/A | N/A | N/A | Not required for EU products |

Signature:

Jennifer Brandon

Name & Title:

Jennifer Brandon, Agent for Carbonfree Chemicals SPE I LLC

Date:

June 14, 2019

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| Date: 6/14/19 | EPA Reg. No./File Symbol: 91484- | Page 2 of 4 |
| Applicant's/Registrant's Name & Address: Carbonfree Chemicals SPE I LLC c/o Delta Analytical Corporation 12510 Prosperity Drive, Suite 160 Silver Spring, MD 20904 | Product: Sodium Hypochlorite 12.5% | |

Ingredient(s): Sodium hypochlorite

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|---|-----------------|--------------------------------|--------|---|
| 830.6313 | Stability to normal and elevated temperature, metals and metal ions | N/A | N/A | N/A | Not required for EU products |
| 830.6314 | Oxidation/reduction: chemical incompatibility | See Note | Carbonfree Chemicals SPE I LLC | OWN | See Self-Certification Summary form |
| 830.6315 | Flammability | N/A | N/A | N/A | Product does not contain combustible liquids |
| 830.6316 | Explosibility | N/A | N/A | N/A | Product is not potentially explosive |
| 830.6317 | Storage stability | To be submitted | Carbonfree Chemicals SPE I LLC | OWN | To be submitted within 18 months of registration |
| 830.6319 | Miscibility | N/A | N/A | N/A | Product is not an emulsifiable liquid |
| 830.6320 | Corrosion characteristics | To be submitted | Carbonfree Chemicals SPE I LLC | OWN | To be submitted within 18 months of registration |
| 830.6321 | Dielectric breakdown voltage | N/A | N/A | N/A | Product is not to be used around electrical equipment |
| 830.7000 | pH | See Note | Carbonfree Chemicals SPE I LLC | OWN | See Self-Certification Summary form |
| 830.7050 | UV/Visible absorption | N/A | N/A | N/A | Not required for EU products |
| 830.7100 | Viscosity | See Note | Carbonfree Chemicals SPE I LLC | OWN | See Self-Certification Summary form |

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| Applicant's/Registrant's Name & Address: Carbonfree Chemicals SPE I LLC c/o Delta Analytical Corporation 12510 Prosperity Drive, Suite 160 Silver Spring, MD 20904 | | Product: Sodium Hypochlorite 12.5% | | | |
| Ingredient(s): Sodium hypochlorite | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |

| | | | | | |
|-------------------|--|----------|--------------------------------|-----|-------------------------------------|
| 830.7200 | Melting point/melting range | N/A | N/A | N/A | Not required for EU products |
| 830.7220 | Boiling point/boiling range | N/A | N/A | N/A | Not required for EU products |
| 830.7300 | Density/relative density/bulk density | See Note | Carbonfree Chemicals SPE I LLC | OWN | See Self-Certification Summary form |
| 830.7370 | Dissociation constants in water | N/A | N/A | N/A | Not required for EU products |
| 830.7550-830.7570 | Petition coefficient (n-octanol/water) | N/A | N/A | N/A | Not required for EU products |
| 830.7840-830.7860 | Water solubility | N/A | N/A | N/A | Not required for EU products |
| 830.7950 | Vapor pressure | N/A | N/A | N/A | Not required for EU products |

TOXICOLOGY

| | | | | | |
|----------|--|----------|--|-----|---|
| 870.1100 | Acute Oral Toxicity Up and Down Procedure in Rats | Cite-All | | PAY | See attached list of prior data submitters for acute toxicity to whom offer to pay letters have been sent |
| 870.1200 | Acute Dermal Toxicity Study in Rats – Limit Test | Cite-All | | PAY | |
| 870.1300 | Acute Inhalation Toxicity Study in Rats – Limit Test | Cite-All | | PAY | |
| 870.2400 | Primary Eye Irritation Study in Rats | Cite-All | | PAY | Category I in accordance with RED and 2012 Human Health Risk Assessment |

| | | |
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| Applicant's/Registrant's Name & Address: Carbonfree Chemicals SPE I LLC c/o Delta Analytical Corporation 12510 Prosperity Drive, Suite 160 Silver Spring, MD 20904 | | Product: Sodium Hypochlorite 12.5% | | | |
| Ingredient(s): Sodium hypochlorite | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |

| | | | | | |
|----------|---|----------|--|-----|---|
| 870.2500 | Primary Skin Irritation Study in Rats | Cite-All | | PAY | Category I in accordance with RED and 2012 Human Health Risk Assessment |
| 870.2600 | Dermal Sensitization Study in Guinea Pigs | Cite-All | | PAY | Sodium hypochlorite is not a sensitizer, as stated in 2012 Human Health Risk Assessment |

EFFICACY

| | | | | | |
|---------------------------------------|--|----|----|----|---------|
| Efficacy Applicable Data Requirements | | NA | NA | NA | Waived* |
|---------------------------------------|--|----|----|----|---------|

*As per the 1992 Reregistration Eligibility Document Sodium and Calcium Hypochlorites (RED), the Agency has decided to continue its current policy of waiving the efficacy data requirements. According to the Agency, the published literature data can reasonably be extrapolated to the full range of these products.

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| Signature: Jennifer Brandon | Name & Title: Jennifer Brandon, Agent for Carbonfree Chemicals SPE I LLC | Date: June 14, 2019 |
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